

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A system for enabling a Meta Object Facility (MOF) compliant service for a metadata resource, comprising:

a connector adapted to receive metadata from the metadata resource via a resource-specific application programming interface corresponding to the metadata resource;

a metamodel repository storing one or more MOF models defining metadata from the metadata resource accessible via the resource-specific application programming interface; and

a persistence interface implemented between the connector and the metamodel repository[[,]] and configured to instantiate via the resource-specific application programming interface at least one MOF compliant service for the connector based on one of the MOF models in the metamodel repository, the persistence interface implemented as an application programming interface, the persistence interface interfacing persistent components of the system including the metamodel repository, the persistence interface configured to provide instances of the metadata and associations between the metadata according to the instantiated MOF compliant service registered at the metamodel repository to provide a call back interface during runtime.

2. (Previously Presented) A system in accordance with claim 1, wherein the metadata from the metadata resource is read on-demand via the MOF compliant service.

3. (Original) A system in accordance with claim 1, wherein the MOF compliant service is a Java Metadata interface (JMI) service.

4. (Original) A system in accordance with claim 1, wherein the persistence interface is configured to provide instances of metadata objects and associations between metadata objects according to the MOF compliant service.

5. (Original) A system in accordance with claim 1, wherein the metamodel repository includes a repository server configured to generate code for the MOF compliant service.

6. (Original) A system in accordance with claim 1, wherein the MOF models are stored in one or more XMI files.

Claims 7-10 Canceled.